

ABSTRACT OF THE DISCLOSURE

An optical module controls its output characteristics electrically and an optical switch constitutes the optical 5 module. An optical waveguide circuit (PLC) and an electronic circuit (IC) for driving the PLC are mounted on the same substrate. The IC is composed of a bare chip to be molded afterward. Wiring of the IC is grouped and integrated on the PLC substrate to achieve higher density 10 and miniaturization of the optical module.